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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO	
10/734,213	12/15/2003	Isabelle Bacon	2993-492US RM/bs	4796	
32292 7	590 04/26/2006		EXAMINER		
OGILVY RENAULT LLP (PWC)			JOHNSON, JONATHAN J		
1981 MCGILL SUITE 1600	COLLEGE AVENUE		ART UNIT	PAPER NUMBER	
MONTREAL, QC H3A 2Y3			1725	-	
CANADA			DATE MAILED: 04/26/2006	DATE MAILED: 04/26/2006	

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)	
	10/734,213	BACON ET AL.	
Office Action Summary	Examiner	Art Unit	
	Jonathan Johnson	1725	
The MAILING DATE of this communication app Period for Reply	pears on the cover sheet wit	h the correspondence address	
A SHORTENED STATUTORY PERIOD FOR REPL WHICHEVER IS LONGER, FROM THE MAILING D - Extensions of time may be available under the provisions of 37 CFR 1.1 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period - Failure to reply within the set or extended period for reply will, by statute Any reply received by the Office later than three months after the mailin earned patent term adjustment. See 37 CFR 1.704(b).	PATE OF THIS COMMUNIC 136(a). In no event, however, may a re- will apply and will expire SIX (6) MONT e, cause the application to become ABA	ATION. ply be timely filed HS from the mailing date of this communication. ANDONED (35 U.S.C. § 133).	
Status			
1) Responsive to communication(s) filed on 21 F	ebruary 2006.		
	s action is non-final.		
3) Since this application is in condition for allowa	ince except for formal matte	rs, prosecution as to the merits is	
closed in accordance with the practice under the	Ex parte Quayle, 1935 C.D.	11, 453 O.G. 213.	
Disposition of Claims			
4)⊠ Claim(s) <u>1-9,11-13 and 15-18</u> is/are pending i	n the application.		
4a) Of the above claim(s) is/are withdra			
5) Claim(s) is/are allowed.			
6)⊠ Claim(s) <u>1-9,11-13 and 15-18</u> is/are rejected.	•		
7) Claim(s) is/are objected to.			
8) Claim(s) are subject to restriction and/o	or election requirement.		
Application Papers			
9) The specification is objected to by the Examine	er.	•	
10) The drawing(s) filed on is/are: a) acc	cepted or b) objected to b	y the Examiner.	
Applicant may not request that any objection to the			
Replacement drawing sheet(s) including the correct			-
11)☐ The oath or declaration is objected to by the E	xaminer. Note the attached	Office Action or form PTO-152.	
Priority under 35 U.S.C. § 119			
12) Acknowledgment is made of a claim for foreign	n priority under 35 U.S.C. §	119(a)-(d) or (f).	
a) ☐ All b) ☐ Some * c) ☐ None of:			
1. Certified copies of the priority document	ts have been received.		
2. Certified copies of the priority document	ts have been received in Ap	plication No	
Copies of the certified copies of the prior	•	eceived in this National Stage	
application from the International Burea			
* See the attached detailed Office action for a list	of the certified copies not r	eceived.	
Attachment(s)	4) [] Interder: 0:	ımmary (PTO-413)	
Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)	/Mail Date	
3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)) 5) Notice of Int	formal Patent Application (PTO-152)	
Paper No(s)/Mail Date			

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DETAILED ACTION

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 1-9, and 11-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over FR 2739658 (Broust) in view of Applicant's Admitted Prior Art (AAPA). Broust teaches a gas turbine compressor having a stump portion, with the axis of rotation the stump portion extending from the back face and a metal stub shaft by friction welding in an end to end relationship, which is concentric with the stump portion (figure 2, item 16); having a billet of substantially the same diameter of the stump (figure 2, item 16); where the stump has a height measured from the back fame and where the height is selected to optimize the mechanical work done on the body while minimizing extrusion in the region (figure 2, item 16); where the height and diameter are the same (figure 2, item 16); and heat treating and deflashing (page 3). AAPA teach forging, heat treating, and removing the weld flashing the gas turbine compressor part and the desirability of using IM 1834; and then machining the radially extending blades in the blank (paragraphs 1-7). It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the gas turbine compressor of Broust to utilize the manufacturing treatment steps in order to maintain good mechanical properties at high temperatures and to utilize the claimed alloy in order to have high fatigue strengths (see AAPA paragraphs 2 and 6).

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Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jonathan Johnson whose telephone number is 571-272-1177. The examiner can normally be reached on M-Th 7:30 AM-5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Pat Ryan can be reached on 571-272-1292. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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